

**IN THE SPECIFICATION**

**Kindly replace the ABSTRACT of record with the following:**

A method of reducing noise in images formed by uniform regions and textures delimited by edges, comprises a step of filtering these images, a step of detecting edges in these images, a sub-step of re-assigning or no re-assigning each image pixel to an edge or a texture in accordance with the result of a connectivity test, this sub-step taking place at the end of the step of detecting edges and textures and a selection step of eliminating or [[, in contrast,]] applying this filtering to each image pixel according to whether this image pixel is associated or not associated with an edge or a texture.

~~Such a method allows a noise reduction in an image or an unprocessed sequence while conserving the edges and the textures. The method concerned may be applied, for example, as a first link in a video encoding sequence such as an MPEG2 compression sequence.~~